



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/067,673	02/07/2002	Viktor Kaptelinin		7150

7590

12/29/2005

Victor Kaptelinin
Mariehemsvagen 13A
Umea, 90654
SWEDEN

EXAMINER

HUYNH, BA

ART UNIT	PAPER NUMBER
----------	--------------

2179

DATE MAILED: 12/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/067,673	Applicant(s) KAPTELININ, VIKTOR	
	Examiner Ba Huynh	Art Unit 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-9,11,14-20 and 24-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3-9, 11, 14-20, 24-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 1, 3-9, 11, 14-20, 24-28 are is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1, 19: The scope of the limitation ("not processed information") is not clear.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 3-9, 11, 14-20, 24-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over US patent application publication 2002/0126154 (Watson) in view of US patent #5,973,663 (Bates et al).

- As for claims 1, 19: Watson teaches a computer implemented method and corresponding apparatus for displaying information in a window on a display device, the window displays only part of its related information, comprising the steps/means for:

Art Unit: 2179

- providing a window for displaying a portion of a document (0015, fig 1),
providing scrollbar for scrolling the window,
displaying in the window a portion of the document,
receiving a scroll initiate events (inherently included),
marking the related information to identify processed information (i.e., information displayed, viewed and/or interested to the user),
scrolling the window to a next portion of its related information (inherently included),
providing visual clues (different display attributes such as shading, marking...)
directing user's attention to areas of the window which display processed information and not processed information. Watson is silent regarding disabling the visual clues after a predetermined amount of time. However, in the same field of document viewing, Bates teaches the disabling the visual clues after a predetermined amount of time (see description of figures 2,3). It would have been obvious to one of skill in the art, at the time the invention was made, to combine Bates' teaching of disabling the visual clues after a predetermined amount of time to Watson. Motivation of the combining is resetting the display control once the clues are no longer needed.
- As for claims 3, 11, 19, 20, 27: Bates teaches the visual clue is disabled before a first predetermined amount of time, and become apparent after a second predetermined time (4:51-54).
 - As for claim 4: In light of the combining, the processed and unprocessed information have different display attributes, which is accomplished by changing the display attributes of their foreground and background (Watson's figure 1).

- As for claims 5-7: The visual clues changes with time and the degree of user interaction (see Bates' description of figure 2).
- As for claim 8: In light of the combining, processed information portions are separated from unprocessed information portions by the highlighted (Watson's fig 11).
- As for claim 9: In light of the combining, the displayed information are marked by highlight marker on the information itself and a marker 35-37 on the scrollbar.
- As for claim 24: The markers are displayed responsive to detected scrolling input event, direction, scrolling increment. The location of the markers in the scrollbar and in the scrollbar slider provide a direction toward marked and unmarked portions of the information.
- As for claim 14: In light of the combining, the displayed portion is defined as an effective rectangle area bordered by the window boundary.
- As for claim 15: It is inherently included in Watson and Bates' teaching of scrolling that the document can be scrolled in line-by-line increment toward the top or bottom of the window, wherein the Y coordinate of the screen pointer is equal to the Y coordinate of the bottom/top of the effective area.
- As for claims 16, 25: A new displayed portion of the document can be defined as effective area by default and marked. It also inherently included that the user may define an effective area by using cursor input device.
- As for claims 17, 26: The user may specify the parameter of the visual clues. The parameters include time threshold, display attributes, etc... (Bates' 5:65 – 6:40).

Art Unit: 2179

- As for claim 18: The window is resizable. It is inherently included that the markers remain after the window is resized.
- As for claim 28: The visual clues are enabled when the second portion is the last portion of the window related information (0015).

NOTE: The entire disclosures of the cited references should be considered. The cited references are in no way limited by the row and column citations above.

Response to Arguments

Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

In response to applicant's arguments against the references individually, one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986).

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ba Huynh whose telephone number is (571) 272-4138. The examiner can normally be reached on Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The formal fax number is 571-273-8300.

Art Unit: 2179

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ba Huynh
Primary Examiner
AU 2179
12/25/05

BA HUYNH
PRIMARY EXAMINER